



NEW JERSEY
WEEKLY CROP WEATHER

New Jersey
Agricultural Statistics Service

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

- Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
- Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
- New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
- Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

- Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
- Landisville
Phone: (856)697-2273
Direct Sales Daily
- Swedesboro
Phone: (856)476-0313
- Hightstown
Phone: (609)448-0193
Direct Sales Daily

RUTGERS WEEKLY FORECAST

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
7 am Est Tuesday May 28, 2002

Rainfall amounts...scattered totals of one to two tenths of an inch possible in the north today and early tonight...none later tonight and Wednesday.

Winds for spraying...generally southeast 5 to 10 mph today and tonight and 10 to 15 mph Wednesday.

Relative humidity in percent...50 to 60 today...near 100 tonight...50 to 60 Wednesday.

Dew points...generally in the low 60s through Wednesday.

Drying conditions...fair today and again Wednesday.

Frost freeze or dew...moderate dew tonight and again Wednesday night.

Percent of possible sunshine...60 today...50 Wednesday.

There is a 40 percent north and 10 percent south probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rainfree period after application.

Four inch soil temperatures are generally in the low 60s north mid 60s central and upper 60s south. Soil temperatures will hold steady over the next few days.

Hay cutting will see generally fair drying conditions for the next several days with scattered wetting possible in the north today.

Estimated soil moisture in percent of field capacity is generally in the 80s in the north and 70s in the south but a few extreme southern locations are near 50 percent.

Growing degree day totals base 50 since march first now range from near 300 in the north to near 600 in the south. Totals are averaging ahead of normal.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Wednesday night.

The latest 6 to 10 day outlook for the period June 2, 2002 to June 6, 2002 is calling for temperatures to average below normal and precipitation to total above normal.

Climate summary for the week ending 8am 5/27/02

Temperatures averaged much below normal. Extremes were 87 degrees at Long Branch on May 26, 2002 and 30 degrees at Newton on May 21, 2002.

Weekly rainfall averaged 0.01 inches north, 0.00 inches central, and 0.00 inches south. The heaviest 24 hour total reported was 0.02 inches at several locations on May 25, 2002 to May 26, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 93 percent north, 88 percent central and 78 percent south.

Four inch soil temperatures averaged 53 degrees north, 55 degrees central and 56 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 5/27/02

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees - - Base 50°F -										
NORTH										
Belvidere Bridge	.03	12.00	1.08	83	32	57	-6	369	89	83
Canoe Brook	.00	14.09	2.03	85	33	58	-4	427	173	86
Charlotteburg	.00	13.33	1.45	82	31	54	-6	274	105	86
Flemington	.00	13.67	2.24	83	32	57	-6	412	142	88
Long Valley	.02	12.16	-.14	78	32	52	-9	282	80	86
Newton	.03	11.43	.86	83	30	55	-6	324	118	87
CENTRAL										
Freehold	.00	10.80	-.60	83	33	56	-8	502	174	84
Long Branch	.00	12.21	.45	87	37	59	-4	426	141	68
New Brunswick	.00	12.08	.87	84	36	58	-6	451	94	88
Pemberton	DATA NOT AVAILABLE									
Toms River	.00	12.36	.99	86	34	56	-7	516	208	70
Trenton	.01	11.77	1.46	83	34	56	-10	460	64	72
SOUTH										
A.C. Marina	.00	11.01	1.65	82	44	60	-3	507	196	56
Cape May C.H.	.00	12.96	2.97	82	37	58	-6	578	227	46
Downstown	.00	10.53	.27	82	33	56	-10	526	117	74
Glassboro	.00	10.96	.05	84	39	61	-4	577	185	71
Hammonton	.00	10.25	-.37	84	33	57	-8	542	158	70
Pomona	.00	12.41	2.50	84	34	56	-8	520	143	69
Seabrook	.00	12.49	3.10	82	39	60	-6	601	187	71
South Harrison	.00	10.96	.27	82	40	60	N/A	571	N/A	N/A

*Departure from normal.
1/ Growing degree days since March 1, total and departure from normal or long term average.
2/ Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Days suitable for field work averaged 5.6. Top soil moisture was rated 96% adequate and 4% surplus. Range and pasture condition was rated 40% fair, 54% good and 6% excellent. Corn planted 62%. Corn emerged 38%. Soybeans planted 35%. Soybeans emerged 15%. Producers began cutting and baling hay in some areas. Activities included field preparation, spraying, fertilizing, and harvesting vegetables. Vegetable producers made good progress planting cucumbers, eggplant, sweet corn, tomatoes, and sweet potatoes. Dry weather allowed producers to make good progress harvesting asparagus, lettuce, and spinach. Apples and peaches were rated in mostly fair to good condition. Producers also began harvesting peas in some areas. Orchard producers began thinning fruit on peach trees. Strawberry harvest continued with crop condition rated as mostly fair to good.

SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
VERY SHORT	0%	0%	0%
SHORT	0%	0%	9%
ADEQUATE	96%	89%	53%
SURPLUS	4%	11%	38%

RANGE AND PASTURE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
VERY POOR	0%	0%	0%
POOR	0%	0%	13%
FAIR	40%	0%	39%
GOOD	54%	73%	45%
EXCELLENT	6%	27%	3%